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| Application Number | 09/905,355 | | | | |
| Filing Date | July 13, 2001 | | | | |
| First Named Inventor | Deguchi | | | | |
| Art Unit | 2153 | | | | |
| Examiner Name | Aaron Strange | | | | |
| Attorney Docket Number | SONY-02500 | | | | |

| | | | U. S. PATEN | DOCUMENTS | |
|-----------------------|--------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (d known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| AS | | ^{US-} 6,216,230 | 04-10-2001 | Rallis et al | |
| | | ^{US-} 2002/0068991 | 06-06-2002 | Fitsimmons | |
| | | ^{US-} 2003/027206 | 11-20-2003 | Poo | |
| | | ^{US-} 2003/0174167 | 09-18-2003 | Poo et al | |
| | | ^{US-} 2000/0097351 | 05-22-2003 | Rothschild et al | |
| | | ^{US-} 2003/0027634 | 02-05-2003 | Matthews III | |
| | | ^{US-} 2002/0162009 | 10-31-2002 | Shmueli et al | · |
| | | ^{US-} 6,169,498 | 01-18-2001 | King et al | |
| | | ^{US-} 2004/0203729 | 10-12-2004 | Makipaa et al | |
| | | ^{US-} 2001/0020239 | 09-30-2001 | Ukigawa | |
| | | ^{US-} 2002/0174372 | 11-12-2002 | Burana Venkataraman | |
| | | ^{US-} 6,427,175 | 07-12-2002 | Khan et al | |
| | | ^{US-} 6,493,702 | 12-12-2002 | Adara et al | |
| | | ^{US-} 6,650,534 | 11-18-2003 | Tree . | |
| | | us- 2002/0007354 | 01-17-2002 | Deguchi | |
| | | ^{US-} 6,578,047 | 06-10-2003 | Deguchi | |
| | | ^{US-} 6,148,261 | 11-14-2000 | Obradovich et al | |
| 1 | | ^{US-} 6,515,595 | 02-04-2003 | Obradovich et al | |
| AS | | ^{US-} 3,836,842 | 09-17-1974 | Zimmermann et al | |

| · | | FOREI | GN PATENT DOCU | MENTS | | |
|---------------|--------------|---|-----------------------|--|---|---|
| Examiner Cite | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | |
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| | | · · · · · · · · · · · · · · · · · · · | U. S. PATEN | DOCUMENTS | |
|-----------------------|-------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. | Document Number Number-Kind Code ^{2 (f known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| AS | | ^{US-} 6,353,398 | 03-05-2002 | Amin et al | |
| I | | ^{US-} 5,297,118 | 03-22-1994 | Sakumoto | |
| | | ^{US-} 5,199,009 | 03-30-1993 | Svast | |
| | | ^{US-} 6,571,577 | 06-03-2003 | Radley-Smith | |
| | | ^{US-} 6,556,513 | 04-29-2003 | Wimberly | |
| | | ^{US-} 6,323,783 | 11-27-2001 | Lizzi | |
| | | ^{US-} 6,158,884 | 12-12-2000 | Lebby et al | , |
| | | ^{US-} 5,889,737 | 03-30-1999 | Alameh et al | |
| | | ^{US-} 5,508,978 | 04-16-1996 | Kalbermatter et al | |
| | | ^{US-} 6,392,635 | 05-12-2002 | Snyder | |
| | | ^{US-} 6,290,517 | 09-18-2001 | Anderson | |
| | | ^{US-} 6,304,249 | 10-29-2001 | Derocher et al | |
| | | ^{US-} 6,088,021 | 07-01-2000 | Young | |
| | | ^{US-} 6,144,864 | 11-15-2000 | Lands et al | |
| | | US- 5,850,218 | 12-15-1998 | Lajoie et al | |
| | | ^{US-} 6,128,009 | 10-03-2000 | Ohkura et al | |
| | | ^{US-} 6,289,346 | 11-11-2001 | Milewski et al | |
| | | ^{US-} 6,356,971 | 03-12-2002 | Katz et al | |
| AS | | ^{US-} 6,507,727 | 01-14-2003 | Henrick | |

| Examiner Cite | | Foreign Patent Document | IGN PATENT DOCU Publication | Name of Patentee or | Pages, Columns, Lines, | Γ |
|---------------|------|---|--------------------------------|-----------------------------|--|---|
| Initials* | No.' | Country Code ³ "Number ⁴ "Kind Code ⁵ (if known) | Date MM-DD-YYYY | Applicant of Cited Document | Where Relevant Passages Or Relevant Figures Appear | 1 |
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Sheet

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Filing Date July 13, 2001

First Named Inventor Deguchi

Art Unit 2153

Examiner Name Aaron Strange

Attorney Docket Number SONY-02500

| | | | U. S. PATENT | DOCUMENTS | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ^{2 (f known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| A5 | | ^{US-} 6,680,714 | 01-20-2004 | Wilmore | |
| 1 | | ^{US-} 6,199,125 | 03-06-2001 | Cortesi | |
| | | ^{US-} 6,104,334 | 08-15-2000 | Allport | |
| | | ^{US-} 6,559,773 | 05-06-2003 | Berry | |
| \neg | | ^{US-} 5,579,472 | 11-26-1996 | Keyworth II et al | |
| | | ^{US-} 5,915,288 | 06-22-1999 | Gabriel | |
| | | ^{US-} 2004/0171377 | 09-10-2004 | Engstrom | |
| T | | ^{US-} 2002/0032019 | 03-01-2002 | Marks et al | |
| 1 | | ^{US-} 2003/0005433 | 01-02-2003 | Janik et al | |
| 45 | | ^{US-} 2002/0164973 | 11-07-2002 | Janik et al | |
| ~ | | US- 2003/00293421 | 01-30-2003 | Finn et al | |
| 15 | | ^{US-} 5,758,257 | 05-26-1998 | Herz et al | |
| i | | ^{US-} 6,330,490 | 12-11-2001 | Kin et al | |
| | | ^{US-} 6,100,884 | 08-08-2000 | Tomita et al | |
| | | US- 2001/0034219 | 10/25/2001 | Hewitt et al | |
| T | | ^{US-} 2002/0056084 | 05-09-2002 | Harris et al | |
| | | ^{US-} 6,360,209 | 03-10-2002 | Loeb et al | |
| 1 | | ^{US-} 2001/0051996 | 12-02-2001 | Cooper et al | , |
| AS | | ^{US-} 2001/0040977 | 11-05-2002 | Nakano | |

| | | FORE | IGN PATENT DOCU | MENTS | | |
|---------------------------------|-------------------------|---|--|---|----------------------------|----|
| Examiner Cite Initials* No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | | |
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Complete if Known | | | | | |
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| | | | U. S. PATENT | DOCUMENTS | |
|--------------------|--------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (# known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| AS | | ^{US-} 6,425,081 | 07-10-2002 | lwamaru | |
| i | | ^{US-} 2003/0012403 | 01-16-2003 | Rhoads et al | |
| | | ^{US-} 2003/0103645 | 06-25-2003 | Leza | |
| | | ^{US-} 2001/0019618 | 09-11-2001 | Rhoads | |
| | | ^{US-} 2001/0186886 | 12-23-2002 | Rhoads | |
| | | ^{US-} 2002/0023272 | 02-21-2002 | Pocock | |
| A3 | | US- 6,230, 172 | 1005-80-20 | Parneveja et N | |
| | | US- | | | |
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| Examiner Initials* | Cite No. | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | |
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